

Romeo

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1646

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/945,459A

DATE: 11/02/98  
TIME: 11:40:25

INPUT SET: S29578.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: MAKISHIMA, FUSAO; TAKAMATSU,  
HIROYUKI; MIKI, HIDEO; KAWAI,  
SHINJI; KIMURA, MICHIO; MATSUMOTO,  
TOMOAKI; KATSUURA, MIEKO; ENOMOTO,  
KOICHI; SATOH, YUSUKE

(ii) TITLE OF INVENTION: A NOVEL PROTEIN AND  
PROCESS FOR PREPARING THE SAME

(iii) NUMBER OF SEQUENCES: 4

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: BIERMAN, MUSERLIAN AND LUCAS  
LLP  
(B) STREET: 600 THIRD AVENUE  
(C) CITY: NEW YORK  
(D) STATE: NEW YORK  
(E) COUNTRY: USA  
(F) ZIP: 10016

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: FLOPPY DISK  
(B) COMPUTER: IBM PC COMPATIBLE  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: MICROSOFT WORD 97

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/945,459  
(B) FILING DATE: 09-DEC-1997

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PCT/JP96/01062  
(B) FILING DATE: 19-APR-1996

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: JP7/322403  
(B) FILING DATE: 17-NOV-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: JP7/93664  
(B) FILING DATE: 19-APR-1995

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**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/945,459A**DATE: 11/02/98  
TIME: 11:40:27**INPUT SET: S29578.raw**

47 (vii) ATTORNEY/AGENT INFORMATION:

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53

54 (A) NAME: CHARLES A. MUSERLIAN  
55 (B) REGISTRATION NUMBER: 19,683  
56 (C) REFERENCE/DOCKET NUMBER: 146.1275

57

58 (ix) TELECOMMUNICATION INFORMATION:  
59 (A) TELEPHONE: (212) 661-8000  
60 (B) TELEFAX: (212) 661-8002  
61 (C) TELEX:

62

63

64 (2) INFORMATION FOR SEQ ID NO:1:

65

66 (i) SEQUENCE CHARACTERISTICS:  
67 (A) LENGTH: 119 AMINO ACIDS  
68 (B) TYPE: AMINO ACID  
69 (C) STRANDEDNESS:  
70 (D) TOPOLOGY: LINEAR

71

72 (ii) MOLECULE TYPE: PEPTIDE

73

74 (vi) ORIGINAL SOURCE:  
75 (A) ORGANISM: HOMOSAPIENS  
76 (F) TISSUE TYPE: FETUS

77

78 (ix) FEATURE:  
79 (A) NAME/KEY: MP52  
80 (B) LOCATION: 383 TO 501

81

82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

83

84 Pro Leu Ala Thr Arg Gln Gly Lys Arg Pro Ser Lys  
85 1 5 10  
86 Asn Leu Lys Ala Arg Cys Ser Arg Lys Ala Leu His  
87 15 20  
88 Val Asn Phe Lys Asp Met Gly Trp Asp Asp Trp Ile  
89 25 30 35  
90 Ile Ala Pro Leu Glu Tyr Glu Ala Phe His Cys Glu  
91 40 45  
92 Gly Leu Cys Glu Phe Pro Leu Arg Ser His Leu Glu  
93 50 55 60  
94 Pro Thr Asn His Ala Val Ile Gln Thr Leu Met Asn

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100                         65                         70  
101  
102  
103  
104  
105  
106  
107  
108 Ser Met Asp Pro Glu Ser Thr Pro Pro Thr Cys Cys  
109                         75                         80  
110  
111 Val Pro Thr Arg Leu Ser Pro Ile Ser Ile Leu Phe  
112                         85                         90                         95  
113  
114 Ile Asp Ser Ala Asn Asn Val Val Tyr Lys Gln Tyr  
115                         100                         105  
116  
117 Glu Asp Met Val Val Glu Ser Cys Gly Cys Arg  
118                         110                         115  
119  
120  
121 (2) INFORMATION FOR SEQ ID NO:2:  
122  
123 (i) SEQUENCE CHARACTERISTICS:  
124                         (A) LENGTH: 27 BASE PAIRS  
125                         (B) TYPE: NUCLEIC ACID  
126                         (C) STRANDEDNESS: SINGLE  
127                         (D) TOPOLOGY: LINEAR  
128  
129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
130  
131 ATAATGCCAC TAGCAACTCG TCAGGGC 27  
132  
133  
134 (2) INFORMATION FOR SEQ ID NO:3:  
135  
136 (i) SEQUENCE CHARACTERISTICS:  
137                         (A) LENGTH: 26 BASE PAIRS  
138                         (B) TYPE: NUCLEIC ACID  
139                         (C) STRANDEDNESS: SINGLE  
140                         (D) TOPOLOGY: LINEAR  
141  
142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
143  
144 CGTCGACTAC CTGCAGCCAC ACGACT 26  
145  
146  
147 (2) INFORMATION FOR SEQ ID NO:4:  
148  
149 (i) SEQUENCE CHARACTERISTICS:  
150                         (A) LENGTH: 357 BASE PAIRS  
151                         (B) TYPE: NUCLEIC ACID  
152                         (C) STRANDEDNESS: DOUBLE

**RAW SEQUENCE LISTING  
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153 (D) TOPOLOGY: UNKNOWN

154

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161 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

162

163 CCA CTG GCC ACT CGC CAG GGC AAG CGA CCC AGC AAG 36  
164 Pro Leu Ala Thr Arg Gln Gly Lys Arg Pro Ser Lys  
165 1 5 10

166

167 AAC CTT AAG GCT CGC TGC AGT CGG AAG GCA CTG CAT 72  
168 Asn Leu Lys Ala Arg Cys Ser Arg Lys Ala Leu His  
169 15 20

170

171 GTC AAC TTC AAG GAC ATG GGC TGG GAC GAC TGG ATC 108  
172 Val Asn Phe Lys Asp Met Gly Trp Asp Asp Trp Ile  
173 25 30 35

174

175 ATC GCA CCC CTT GAG TAC GAG GCT TTC CAC TGC GAG 144  
176 Ile Ala Pro Leu Glu Tyr Glu Ala Phe His Cys Glu  
177 40 45

178

179 GGG CTG TGC GAG TTC CCA TTG CGC TCC CAC CTG GAG 180  
180 Gly Leu Cys Glu Phe Pro Leu Arg Ser His Leu Glu  
181 50 55 60

182

183 CCC ACG AAT CAT GCA GTC ATC CAG ACC CTG ATG AAC 216  
184 Pro Thr Asn His Ala Val Ile Gln Thr Leu Met Asn  
185 65 70

186

187 TCC ATG GAC CCC GAG TCC ACA CCA CCC ACC TGC TGT 252  
188 Ser Met Asp Pro Glu Ser Thr Pro Pro Thr Cys Cys  
189 75 80

190

191 GTG CCC ACG CGA CTG AGT CCC ATC AGC ATC CTC TTC 288  
192 Val Pro Thr Arg Leu Ser Pro Ile Ser Ile Leu Phe  
193 85 90 95

194

195 ATT GAC TCT GCC AAC AAC GTG GTG TAT AAG CAG TAT 324  
196 Ile Asp Ser Ala Asn Asn Val Val Tyr Lys Gln Tyr  
197 100 105

198

199 GAG GAC ATG GTC GTG GAG TCG TGT GGC TGC AGG 357  
200 Glu Asp Met Val Val Glu Ser Cys Gly Cys Arg  
201 110 115

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**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION **US/08/945,459A**

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Original Text